

Wasin Hongmanee

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EDUCATION

University Of California, Davis

Bachelor of Science, Statistics

Minor in Computer Science

Notable Classes: Machine Learning, Artificial Intelligence, Statistical Data Science

Davis, CA

Graduation Date: March 2021

PERSONAL PROJECTS

Visualizing my Restaurant's KPIs with an interactable Dashboard

<https://github.com/WasinHongmanee/Sales-Report>

- Used to propose a new data-driven delivery system that can increase DoorDash revenue by 25% and to improve employee work hour plans for winter 2022
- Reduced dashboard loading time by 30% by manipulating data
- Visualized different yearly sales in a line chart using DAX
- Identified key metrics and visualized trends filtered by year and quarter
- Worked with Power BI, relational databases, DAX

Key Predictors to win in League of Legends

<https://github.com/WasinHongmanee/League-Win-Predictors>

- Parsed through over 6500 games collected from Riot Games API
- Removed 1500 duplicated matches, identified and removed tied matches, corrected variable data types and mislabeled NA data points
- Created easy to understand histograms, bar graphs, and point plots to visualize and summarize main features
- Preprocessed dependent variables by scaling numeric features using MinMaxScaler and label-encoded categorical features
- Trained a logistic regression model with a mean k-fold cross validation accuracy of 72%
- Employed feature selection algorithms SelectKBest and RFE to increase model accuracy
- Worked with Python, sklearn, pandas, JSON, REST API, SeaBorn, Jupyter Notebooks

Personal Spotify Song Recommendation System

<https://github.com/WasinHongmanee/SpotifyRecommendation>

- Extracted and parsed through 1000 songs from my Spotify library using the Spotify API
- Cleaned data by correcting data types and removing 7 unnecessary features
- Normalized numerical features using StandardScaler
- Created a song recommendation system using cosine similarity
- Worked with Python, sklearn, pandas, REST API, Jupyter Notebooks

TECHNICAL SKILLS

Languages: Python, SQL, Power BI, Excel

Packages: TensorFlow, Scikit Learn, Seaborn, pandas, NumPy, Ggplot2

WORK EXPERIENCE

Bar manager

January 2015 - Present

Sawasdee Thai Cuisine (Santa Cruz, CA)

- Increased employee retention with consistent communication and conflict management
- Hired and trained 3 self dependent bartenders leading to positive experiences with customers
- Coordinated 3 promotions with a local hotel which increased revenue during the weekdays
- Supervised a restaurant floor with up to 10 employees and organized scheduling for 15 employees